```
=> fil cap
FILE 'CAPLUS' ENTERED AT 14:58:13 ON 19 DEC 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
```

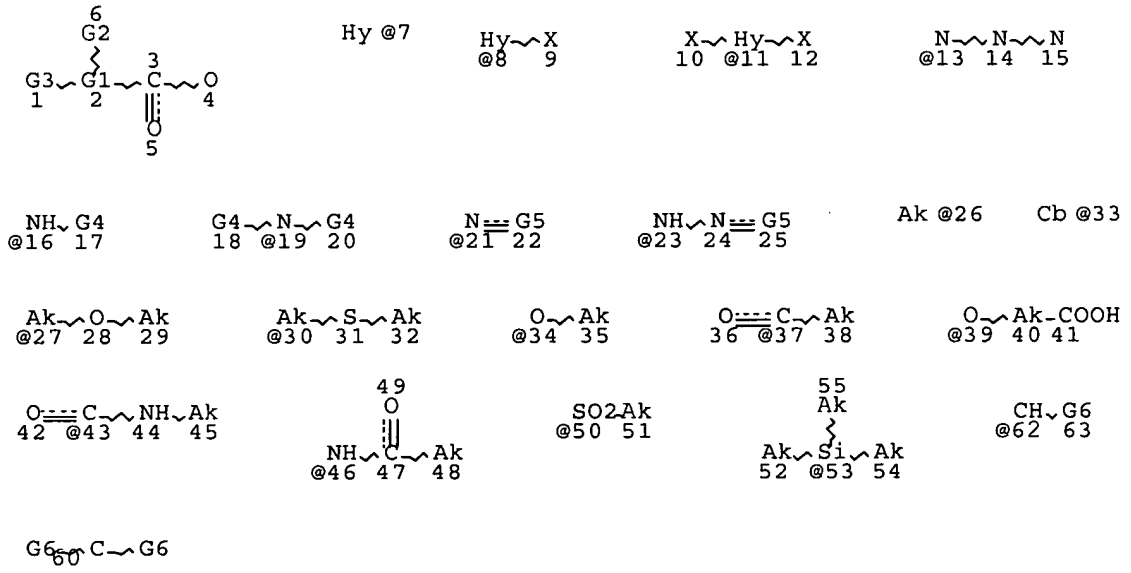
Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

```
FILE COVERS 1907 - 19 Dec 2007  VOL 147 ISS 26
FILE LAST UPDATED: 18 Dec 2007  (20071218/ED)

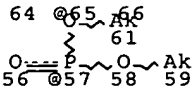
Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> d que l26
L6                STR
```



Page 1-A

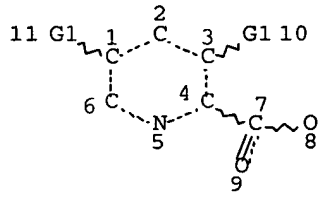


Page 2-A
VAR G1=7/8/11

```
VAR G2=NO2/13/NH2/16/19/21/23
VAR G3=26/27/30
VAR G4=26/33/OH/34/NH2/37/39/43/46/50/53/57
VAR G5=CH2/62/65
VAR G6=26/33
NODE ATTRIBUTES:
CONNECT IS E3  RC AT   7
CONNECT IS E4  RC AT   8
CONNECT IS E5  RC AT  11
CONNECT IS E1  RC AT  26
CONNECT IS E1  RC AT  29
CONNECT IS E1  RC AT  32
CONNECT IS E1  RC AT  33
CONNECT IS E1  RC AT  35
CONNECT IS E1  RC AT  38
CONNECT IS E2  RC AT  40
CONNECT IS E1  RC AT  45
CONNECT IS E1  RC AT  48
CONNECT IS E1  RC AT  51
CONNECT IS E1  RC AT  52
CONNECT IS E1  RC AT  54
CONNECT IS E1  RC AT  55
CONNECT IS E1  RC AT  59
CONNECT IS E1  RC AT  61
DEFAULT MLEVEL IS ATOM
GGCAT   IS MCY  UNS  AT   7
GGCAT   IS MCY  UNS  AT   8
GGCAT   IS MCY  UNS  AT  11
GGCAT   IS UNS  AT  33
DEFAULT ECLEVEL IS LIMITED
ECOUNT  IS E5 C  E1 N  AT   7
ECOUNT  IS E5 C  E1 N  AT   8
ECOUNT  IS E5 C  E1 N  AT  11

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  66

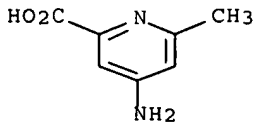
STEREO ATTRIBUTES: NONE
L8       3117018 SEA FILE=REGISTRY ABB=ON  PLU=ON  NC5/ES
L10          299 SEA FILE=REGISTRY SUB=L8 SSS FUL L6
L24              STR
```




```
VAR G1=H/X
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
```

CODEN: BAPCAQ; ISSN: 0001-4095
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Infrared absorption spectra in Nujol or KBr for 4-substituted 6-methylpicolinic acid N-oxides (I) and their methylation products indicate the structure II for I (R = NO2), two contributing tautomeric structures (II and III) for I (R = H and OMe), and structure IV for I (R = NH2). The acids I were esterified with CH2N2 (V) in MeOH and Et2O. Me 4-nitro-6-methylpicolinate N-oxide, m. 128.5-29°, was prepared in 92% yield and gave the amide, m. 265-6° (decomposition), on treatment with NH4OH. The methylation product, m. 166° from IV was obtained in 90% yield and gave on hydrolysis 4-amino-6-methylpicolinic acid, m. 296° (decomposition). Hydrolysis of methylated (CH2N2) 4-methoxy-6-methylpicolinic acid N-oxide (oil) with NaOH and KOH afforded a mixture of 4-methoxy-2-picoline (70-75%) and 4-methoxypicolinic acid N-oxide (21-25%). 6-Methylpicolinic acid N-oxide reacted with V to give 6-methyl-2-carbomethoxypyridine N-oxide (40%) and an ionic compound which decomposed on distillation
IT 89693-89-0P, Picolinic acid, 4-amino-6-methyl-
RL: PREP (Preparation)
(preparation of)
RN 89693-89-0 CAPLUS
CN Picolinic acid, 4-amino-6-methyl- (7CI) (CA INDEX NAME)



=> d his nofil

(FILE 'HOME' ENTERED AT 14:03:13 ON 19 DEC 2007)

FILE 'REGISTRY' ENTERED AT 14:03:22 ON 19 DEC 2007
L1 2111 SEA ABB=ON PLU=ON "CARBAMYL"

FILE 'STNGUIDE' ENTERED AT 14:04:22 ON 19 DEC 2007

FILE 'REGISTRY' ENTERED AT 14:15:23 ON 19 DEC 2007
L2 5 SEA ABB=ON PLU=ON "DIMETHYLPHOSPHONYL"
D SCA
L3 334 SEA ABB=ON PLU=ON "PHOSPHONYL"

FILE 'CAPLUS' ENTERED AT 14:23:31 ON 19 DEC 2007
E US2004-816611/APPS
L4 1 SEA ABB=ON PLU=ON US2004-816611/AP
SEL RN

FILE 'REGISTRY' ENTERED AT 14:27:23 ON 19 DEC 2007
L5 16 SEA ABB=ON PLU=ON (76165-18-9/BI OR 767334-31-6/BI OR 767334-32-7/BI OR 767334-33-8/BI OR 767334-34-9/BI OR 767334-35-0/BI OR 767334-36-1/BI OR 767334-37-2/BI OR 767334-38-3/BI OR 767334-39-4/BI OR 767334-40-7/BI OR 767334-41-8/BI OR 767334-42-9/BI OR 767334-43-0/BI OR 767334-44-1/BI OR 767334-45-2/BI)

```
L6              STR
L7            0 SEA SSS SAM L6
L8      3117018 SEA ABB=ON  PLU=ON  NC5/ES
L9            0 SEA SUB=L8 SSS SAM L6
L10         299 SEA SUB=L8 SSS FUL L6
L11          15 SEA ABB=ON  PLU=ON  L10 AND L5

     FILE 'CAPLUS' ENTERED AT 14:48:55 ON 19 DEC 2007
L12         258 SEA ABB=ON  PLU=ON  L10
L13         224 SEA ABB=ON  PLU=ON  L12 AND (PY<2004 OR PRY<2004 OR AP<2004)
L14         224 SEA ABB=ON  PLU=ON  L12 AND (PY<2004 OR PRY<2004 OR AY<2004)
                SAV TEMP L14 QAZI611/A

     FILE 'REGISTRY' ENTERED AT 14:50:25 ON 19 DEC 2007
L15             STR L6
L16           3 SEA SUB=L10 SSS SAM L15
L17         112 SEA SUB=L10 SSS FUL L15

     FILE 'CAPLUS' ENTERED AT 14:51:18 ON 19 DEC 2007
L18         122 SEA ABB=ON  PLU=ON  L17

     FILE 'REGISTRY' ENTERED AT 14:54:32 ON 19 DEC 2007
L19             STR
L20          64 SEA SUB=L10 SSS FUL L19
L21          15 SEA ABB=ON  PLU=ON  L20 AND L5

     FILE 'CAPLUS' ENTERED AT 14:56:10 ON 19 DEC 2007
L22          76 SEA ABB=ON  PLU=ON  L20
L23          65 SEA ABB=ON  PLU=ON  L22 AND (PY<2004 OR AY<2004 OR PRY<2004)

     FILE 'REGISTRY' ENTERED AT 14:57:12 ON 19 DEC 2007
L24             STR L19
L25          36 SEA SUB=L10 SSS FUL L24

     FILE 'CAPLUS' ENTERED AT 14:57:32 ON 19 DEC 2007
L26          36 SEA ABB=ON  PLU=ON  L25

     FILE 'REGISTRY' ENTERED AT 14:57:45 ON 19 DEC 2007
                SAVE TEMP QAZI611STR/A L10

     FILE 'CAPLUS' ENTERED AT 14:58:13 ON 19 DEC 2007
                D QUE L26
                D L26 IBIB ABS HITSTR TOT
```